



INSPIRE Geoportal – Status and future work

JRC INSPIRE Team

12th MIG meeting – November 26-27, 2020

Geoportal v.1.5.0 release

- Geoportal backend:
 - solved issues on the *MD_Keywords* metadata element [[#3877](#), [#3879](#), [#3880](#)]
 - solved issue on the service metadata date origin [[#3882](#)]
 - several improvements & bugfixes
- Geoportal frontend:
 - added the *Thematic Grouping* view option in the PDS *Environmental Domains* page
 - added the M&R 2020 results dashboard
- Geoportal harvest console:
 - added a column in the *Missing downloadable/viewable resources* table.
 - several improvements & bugfixes

<https://inspire-geoportal.ec.europa.eu/release-notes.html>

The screenshot displays the 'Environmental Domains' dashboard. At the top, it says 'Explore Member States' priority data sets grouped by the following Environmental Domains or individual data sets.' Below this are three tabs: 'Domains', 'Thematic Grouping', and 'List of data sets'. The main area is a grid of data set cards, each with a title, description, and statistics (number of data sets, downloads, and views). The cards are color-coded by domain: teal, green, blue, yellow, and red.

Domain	Data Set Title	Statistics (Data Sets Downloads Views)
Teal	1,01 - AQ management zones & agglomerations	39 28 23
Green	24,01-24,02-24,03-24,04-25,05-24,06 - Habitat types and species distribution and range (Habitats Directive)	40 26 27
Green	24,01-24,05 - Habitat types distribution	51 36 33
Green	24,03-24,06 - Species distribution	51 36 35
Green	24,09-24,10 - BIRDS distribution	30 21 20
Green	24,07-24,08 - BIRDS range	29 21 18
Green	24,09-24,10-24,07-24,08 - Bird species distribution and range (Birds Directive)	25 17 16
Blue	10,01-10,02-10,03-10,04-10,05 - Water bodies (Water Framework Directive)	247 174 77
Blue	10,01-10,02-10,03-10,04 - Surface water bodies (Water Framework Directive)	254 175 78
Blue	11,01-11,02-11,03-11,04-22,01-25,01-34,0 1-36,01 - Protected areas (Water Framework Directive)	254 177 82
Blue	14,01-14,02 - Preliminary flood risk assessment (Floods Directive)	88 39 34
Blue	15,01-15,02-15,03 - FD hazard areas	93 40 35
Blue	16,01-16,02-16,03 - FD flood risk zones	103 38 32
Blue	18,01 - MSFD marine reporting units	13 9 12
Blue	20,01-21,01 - Drinking water protection areas, supply zones, safeguard zones	7 4 4
Yellow	5,01-5,02-5,03 - Major roads, railways and air transport network (Noise Directive)	37 8 3
Yellow	8,01-8,02-8,03-8,04-8,05-8,06-8,07-8,08-8,09-8,10-8,11-8,12-8,13-8,14-8,15-8,16 - Noise contour map	88 67 27
Yellow	8,01-8,02 - Noise contour map for major roads	92 71 30
Yellow	8,03-8,04 - Noise contour map for major railways	92 71 29
Yellow	8,05-8,06 - Noise contour map for major airports	90 69 29
Yellow	8,07-8,08 - Noise contour map for road noise in agglomerations	90 69 29
Yellow	8,09-8,10 - Noise contour map for railway noise in agglomerations	105 84 44
Yellow	8,11-8,12 - Noise contour map for aircraft noise in agglomerations	90 69 29
Yellow	8,13-8,14 - Noise contour map for industrial noise in agglomerations	90 69 29
Yellow	8,15-8,16 - Noise contour map in agglomerations	91 68 28
Red	27,01-29,01-30,01 - EU registry on industrial sites	23 14 -
Red	40,01 - Boreholes for hydraulic fracturing	2 2 2

INSPIRE Geoportal vs. Reference Validator

- Both the **INSPIRE Reference Validator** and the **INSPIRE Geoportal** have been updated to support metadata encoded according to TG 2.0.
- The **INSPIRE Reference Validator** is meant to check and validate metadata against the TG 2.0 requirements. It is the tool that will be used during the Monitoring and Reporting 2020 activity to calculate the indicators MDi1.1 and MDi1.2.
- The **INSPIRE Geoportal** is harvesting all the metadata, even if they are not compliant with TG 2.0. Therefore, the Geoportal is as flexible as possible and (whenever possible) find and display all the harvested metadata.

INSPIRE Geoportal – Support to MD TG 1.3

- Example of how a metadata record encoded according to TG 1.3 is currently shown in the Geoportal:
 - most of the metadata content is correctly retrieved
 - **limitations on public access** cannot be retrieved

Resource Title

Atkritumu poligoni - aktīvi

Resource Abstract

Excel fails ar izgāztuvju nosaukumiem, adresēm un koordinātam. Fails jāsapagatavo no VVIS Pārskatu sistēmas (datu bāze "3-Atkritumi")

Lineage

Valsts Statistikas pārskats "3-Atkritumi" (MK noteikumi Nr.271 (23.05.2017.)

Unique Resource Identifier

Code: {DBEF2A8B-43B9-4765-8E31-77C0FF49A0FA}

Namespace: [not available]

Spatial Data Theme

[Land cover](#)
[Production and industrial facilities](#)

Topic Category

environment

Reporting Tags

Priority Dataset

[Directive 1999/31/EC - Landfill of waste sites \(Landfill of Waste Directive\)](#)
[Directive 1999/31/EC - Directive 1999/31/EC](#)

Spatial Scope

Conditions Applying To Access And Use

no limitations

Limitations On Public Access

Geographic Bounding Box



Responsible Party

Organisation name

Valsts SIA "Latvijas Vides, ģeoloģijas un meteoroloģijas centrs"

E-mail lvgmc@lvgmc.lv

Metadata Point Of Contact

Organisation name

Valsts SIA "Latvijas Vides, ģeoloģijas un meteoroloģijas centrs"

E-mail intars.cakars@lvgmc.lv

Metadata Language

lav

Metadata Date

2020-05-06

fileIdentifier

{2746246F-DE33-484D-B163-E3FDD365C5DB}

Download metadata

[application/vnd.iso.19139+xml](#)

Future activities

- The current priorities for the evolution of the INSPIRE Geoportal are:
 - improvement of the harvesting system through the migration to GeoNetwork **very high priority**
 - simplification of data-service linking approach **high priority**

European Commission > ... > Action 2019.2: Improving accessibility of data sets through network services

Simplification of data-service linkages



Data-service linkage simplification

- The activity has still a **high priority**:
 - however, the **migration** to a GeoNetwork-based system shall be performed first
 - therefore, **no change** in the current INSPIRE Geoportal will be made before the migration
- **Target timeframe** for the approach to be ready is Monitoring and Reporting 2021.
- The first step (to be made in parallel) is to **reach an agreement on a common simplified approach**
 - not yet done in 2019, given the high diversity of approaches proposed by Member States
 - planned for early 2021

Thank you!



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